

Title (en)

METHODS FOR MEASURING ENZYME ACTIVITY

Title (de)

VERFAHREN ZUR BESTIMMUNG VON ENZYM AKTIVITÄT

Title (fr)

METHODES DE MESURE D'ACTIVITE ENZYMATIQUE

Publication

**EP 1497452 B1 20110302 (EN)**

Application

**EP 03722751 A 20030417**

Priority

- GB 0301669 W 20030417
- GB 0208989 A 20020419

Abstract (en)

[origin: WO03089663A2] The invention relates to fluorescence methods for measuring enzyme activity, in particular enzyme cleaving and joining activities. The invention also relates to fluorogenic substrates which are useful for measuring enzyme activity and as in vitro and in vivo imaging probes.

IPC 8 full level

**C12Q 1/34** (2006.01); **C07K 7/06** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/25** (2006.01); **C12Q 1/37** (2006.01); **C12Q 1/44** (2006.01); **C12Q 1/48** (2006.01); **G01N 33/50** (2006.01); **G01N 33/542** (2006.01); **G01N 33/573** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP US)

**C12Q 1/25** (2013.01 - EP US); **C12Q 1/34** (2013.01 - EP US); **C12Q 1/48** (2013.01 - EP US); **G01N 33/542** (2013.01 - EP US); **G01N 33/573** (2013.01 - EP US); **G01N 33/582** (2013.01 - EP US); **C12Q 2334/00** (2013.01 - EP US); **C12Q 2337/00** (2013.01 - EP US); **G01N 2333/9015** (2013.01 - EP US); **G01N 2500/04** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03089663 A2 20031030**; **WO 03089663 A3 20040527**; AT E500342 T1 20110315; AU 2003229914 A1 20031103; CA 2484467 A1 20031030; CA 2484467 C 20120110; DE 60336217 D1 20110414; EP 1497452 A2 20050119; EP 1497452 B1 20110302; GB 0208989 D0 20020529; GB 0308910 D0 20030521; GB 2388190 A 20031105; GB 2388190 B 20041117; JP 2005527212 A 20050915; JP 4713835 B2 20110629; US 2003228609 A1 20031211; US 2010184098 A1 20100722; US 7727739 B2 20100601

DOCDB simple family (application)

**GB 0301669 W 20030417**; AT 03722751 T 20030417; AU 2003229914 A 20030417; CA 2484467 A 20030417; DE 60336217 T 20030417; EP 03722751 A 20030417; GB 0208989 A 20020419; GB 0308910 A 20030417; JP 2003586372 A 20030417; US 41754303 A 20030417; US 75084710 A 20100331